

FIG. 4a

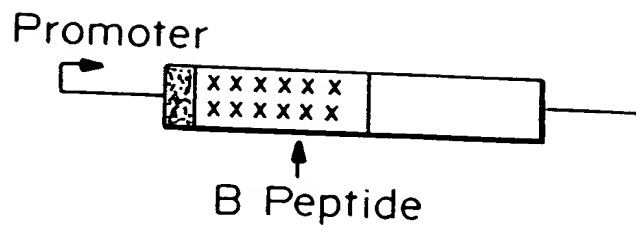


FIG. 4b

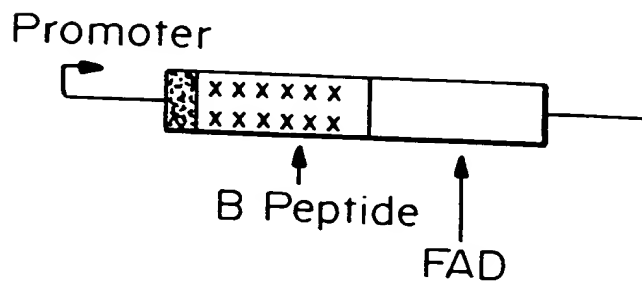
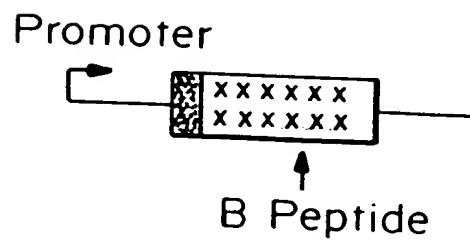


FIG. 5



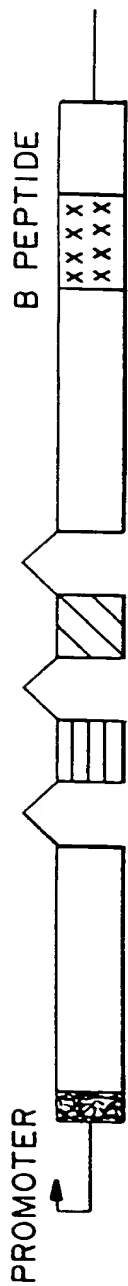


FIG. 6a

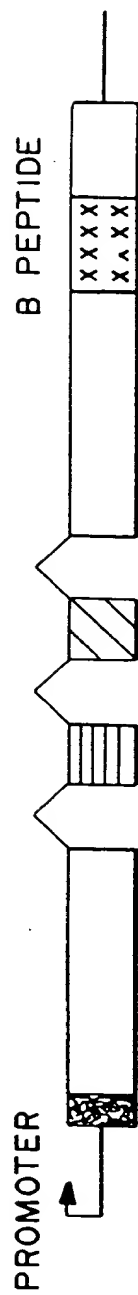


FIG. 6b

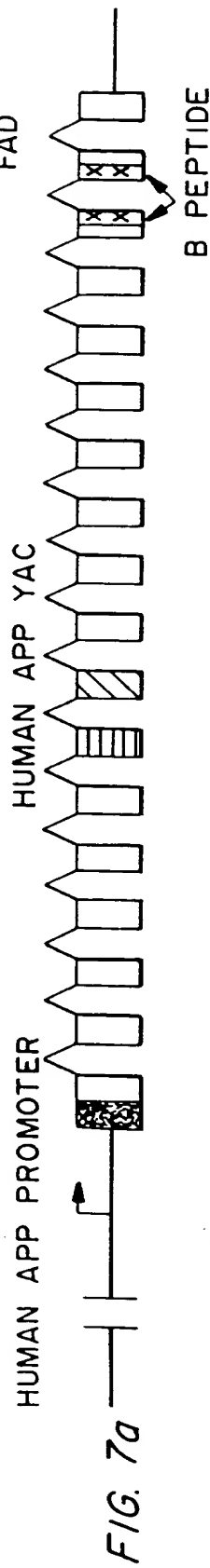


FIG. 7a

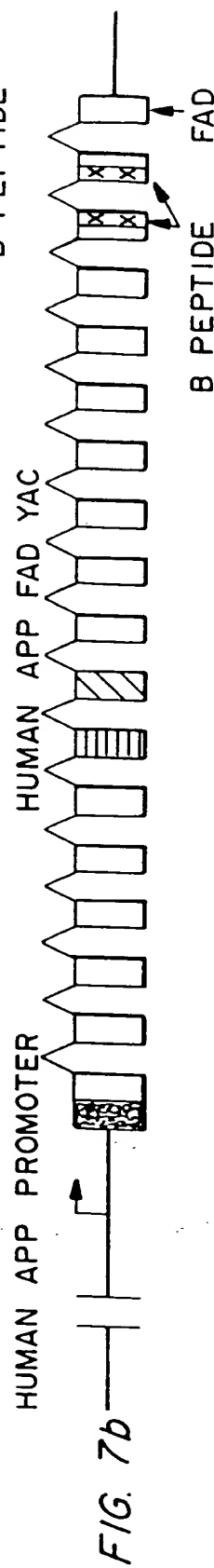


FIG. 7b

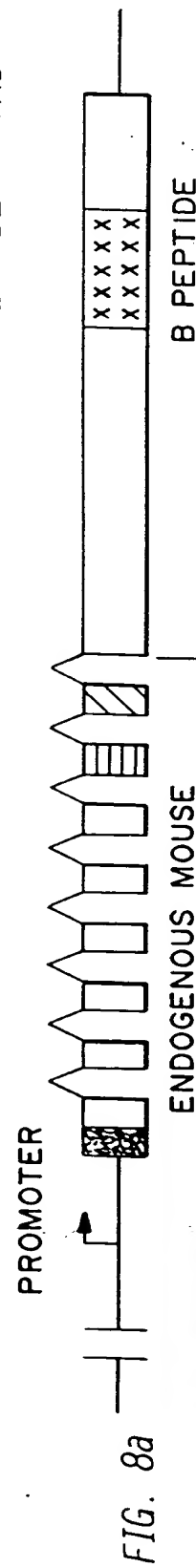


FIG. 8a

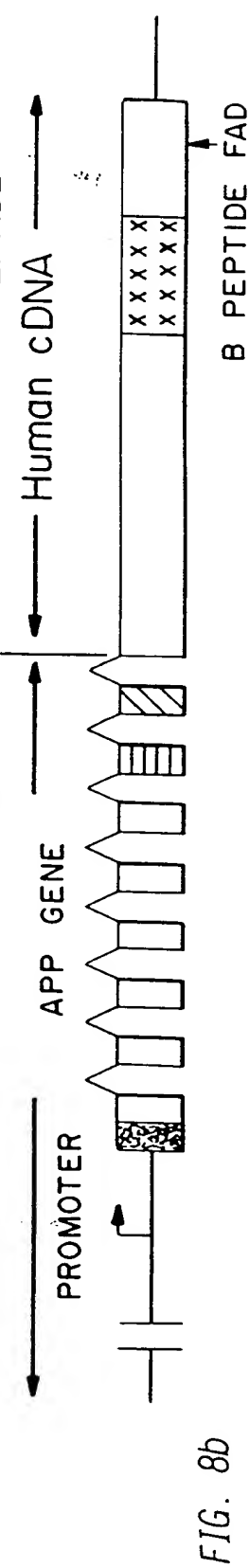


FIG. 8b

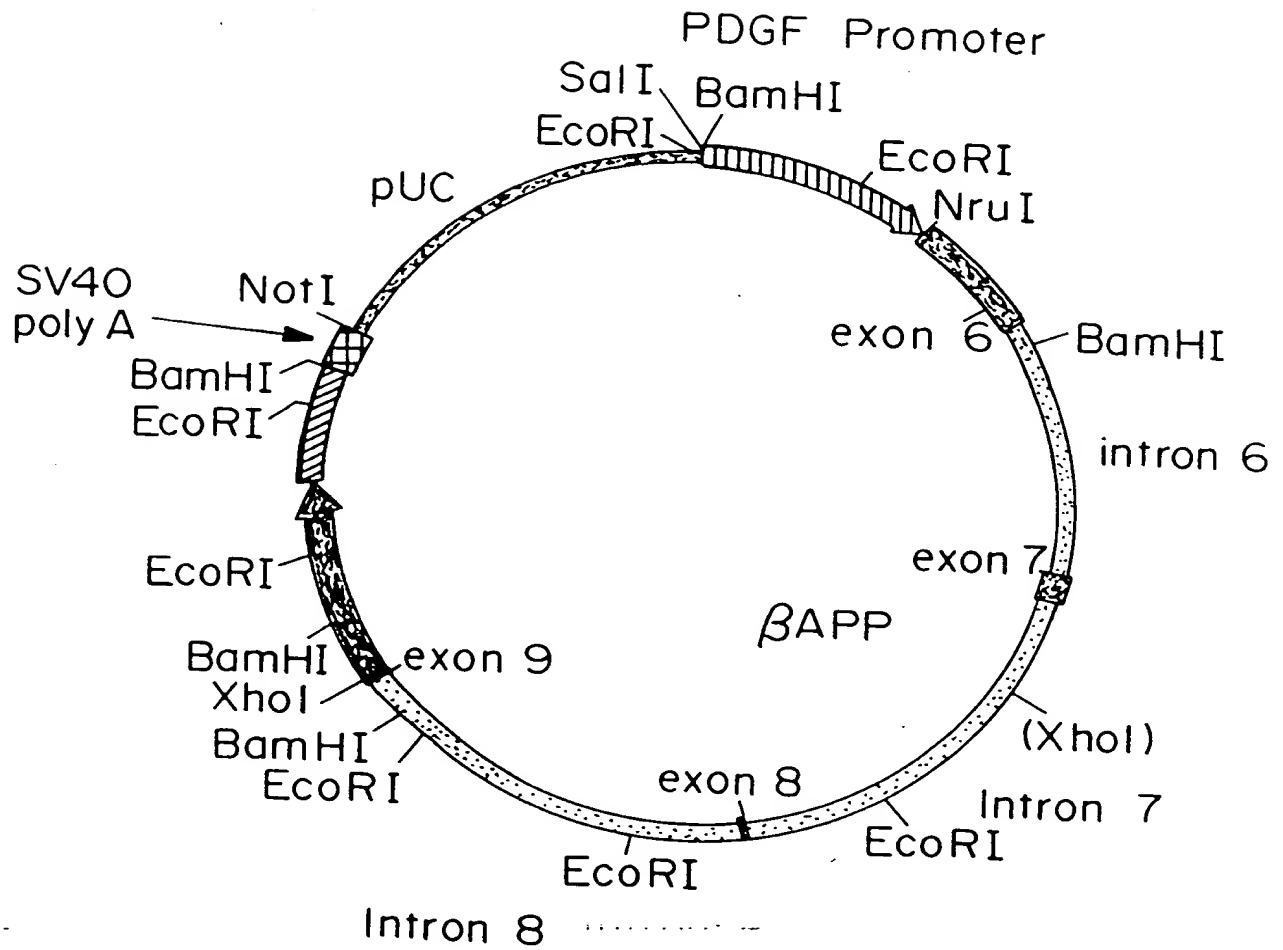
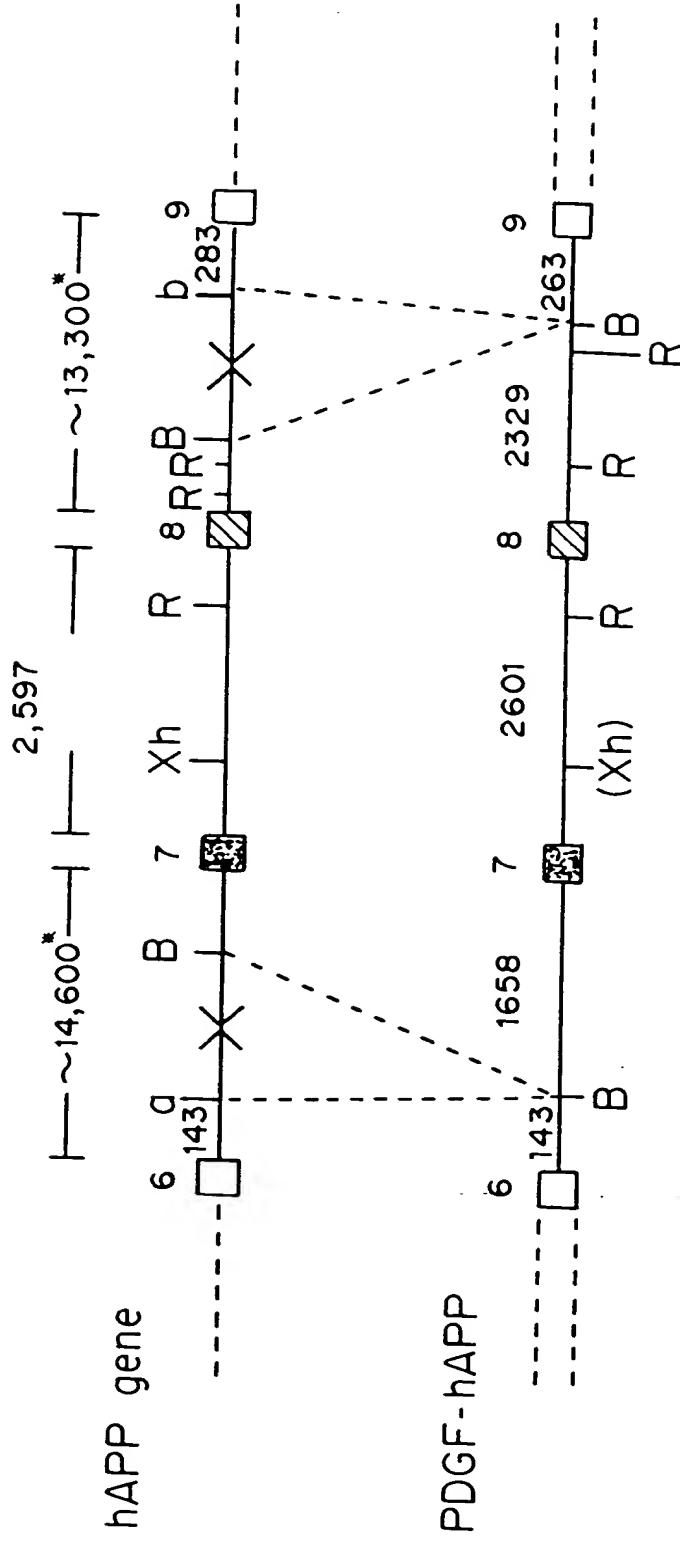


FIG. 9

Note: distances are not done to scale.  
Numbers indicate distances in base pairs.



a,b -sites of mutagenesis where BamHI sites were engineered for deletion  
 B = location of BamHI sites  
 X = XhoI, (x) XhoI site destroyed  
 R = EcoRI  
 Intron 7 was expanded by 4 b.p. when the XhoI site was destroyed.

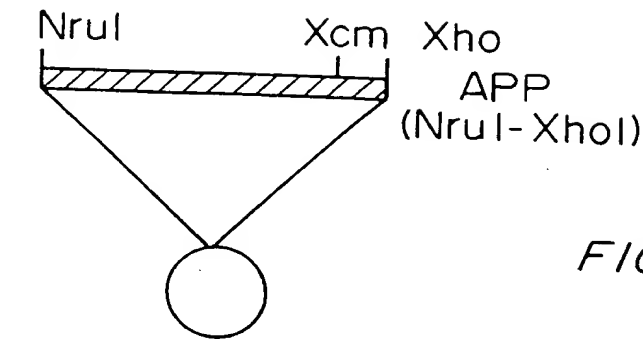
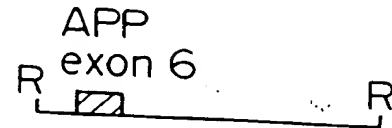
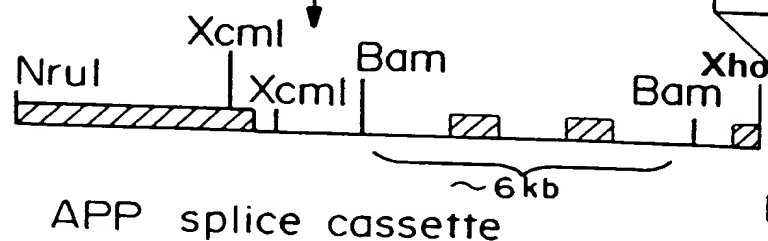
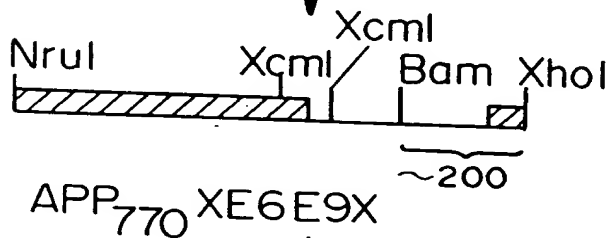
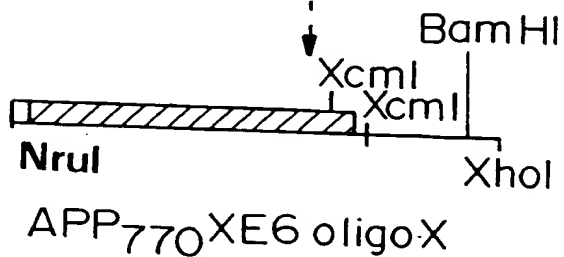
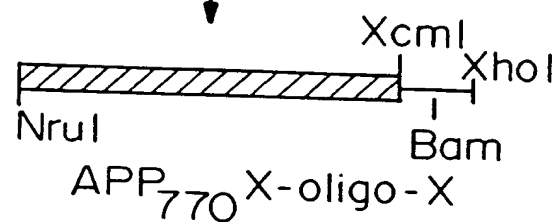
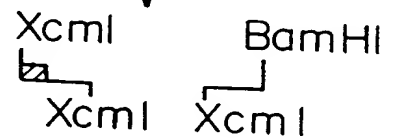
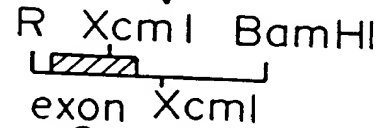


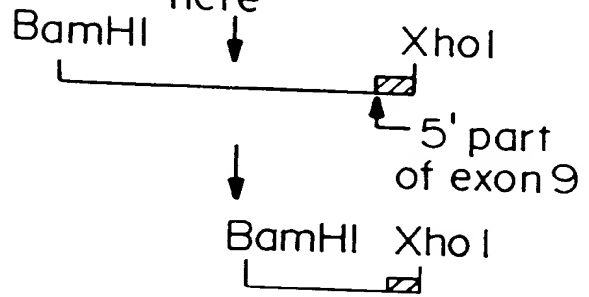
FIG. 11



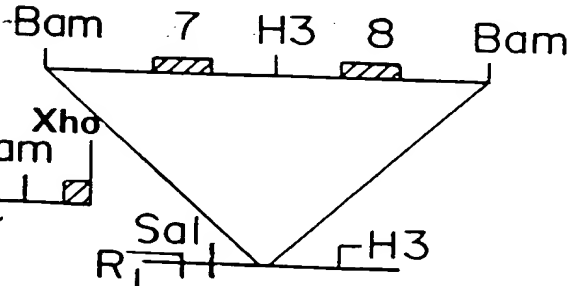
Genomic fragment PCR mutagenesis to introd a BamHI site 143 bp downstream of exon



PCR to create Bam HI site here

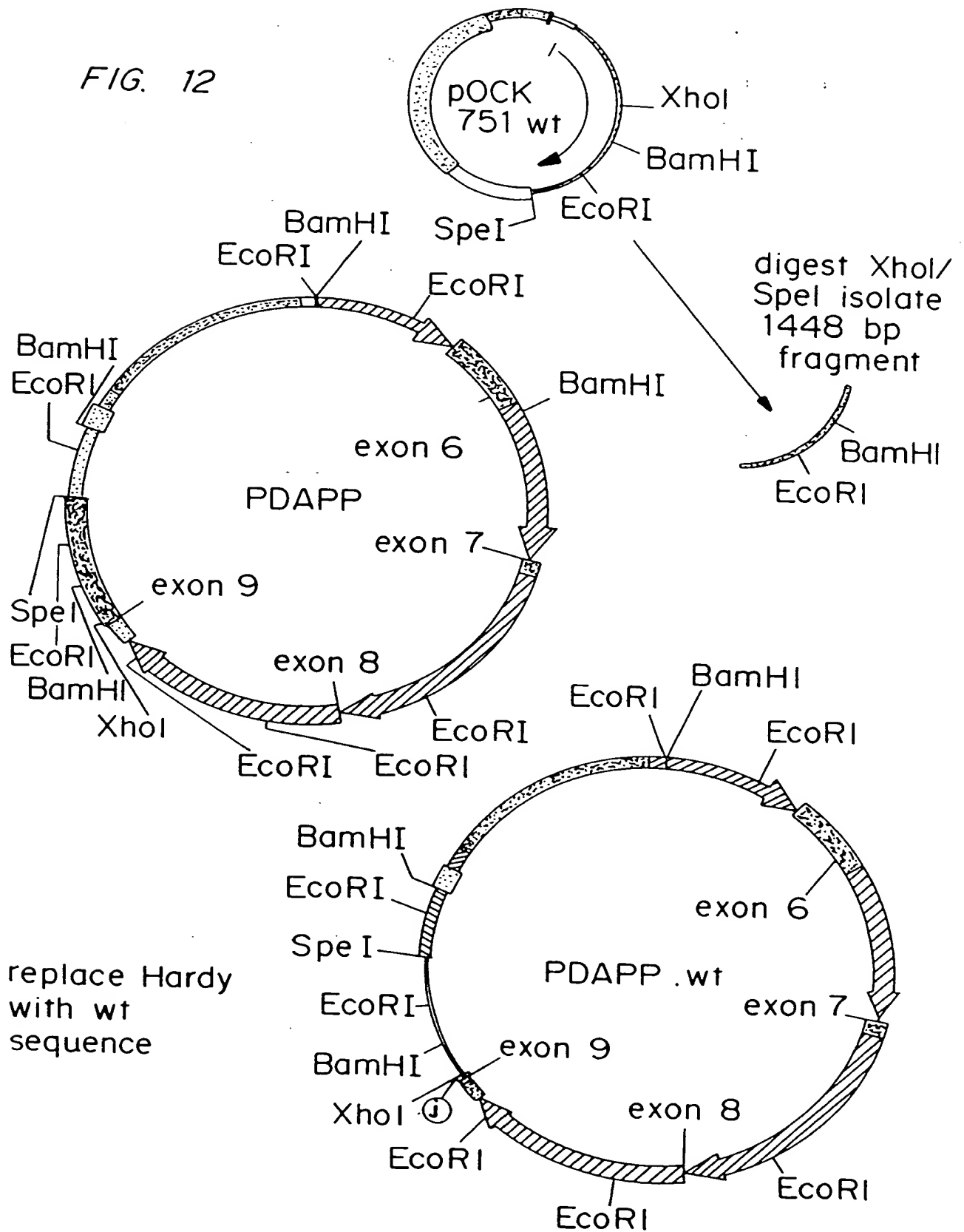


PCR to introduce Bam HI site 260 b.p. upstream of. exon 9



Genomic fragment from phage library XhoI deleted

FIG. 12



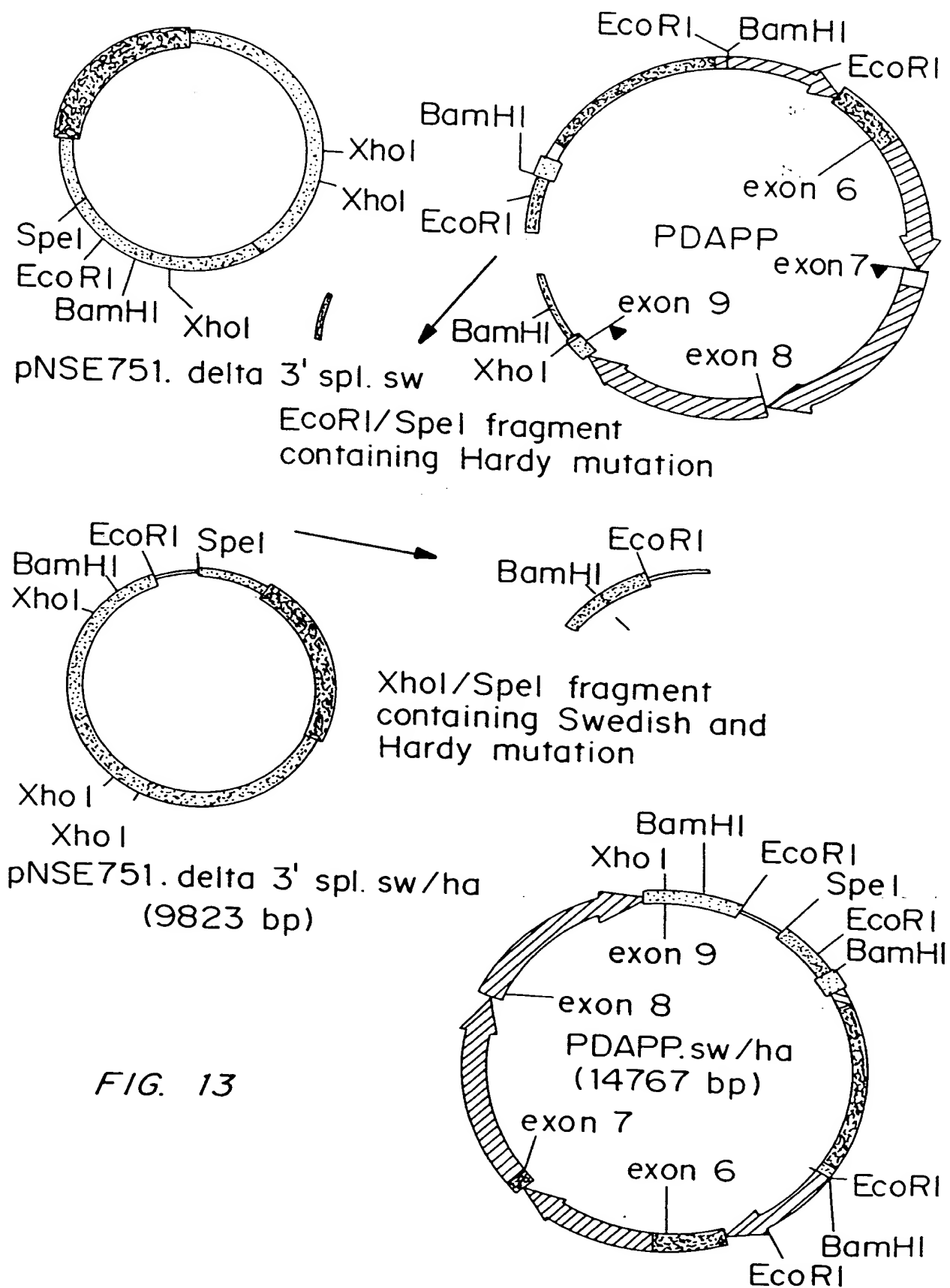


FIG. 13



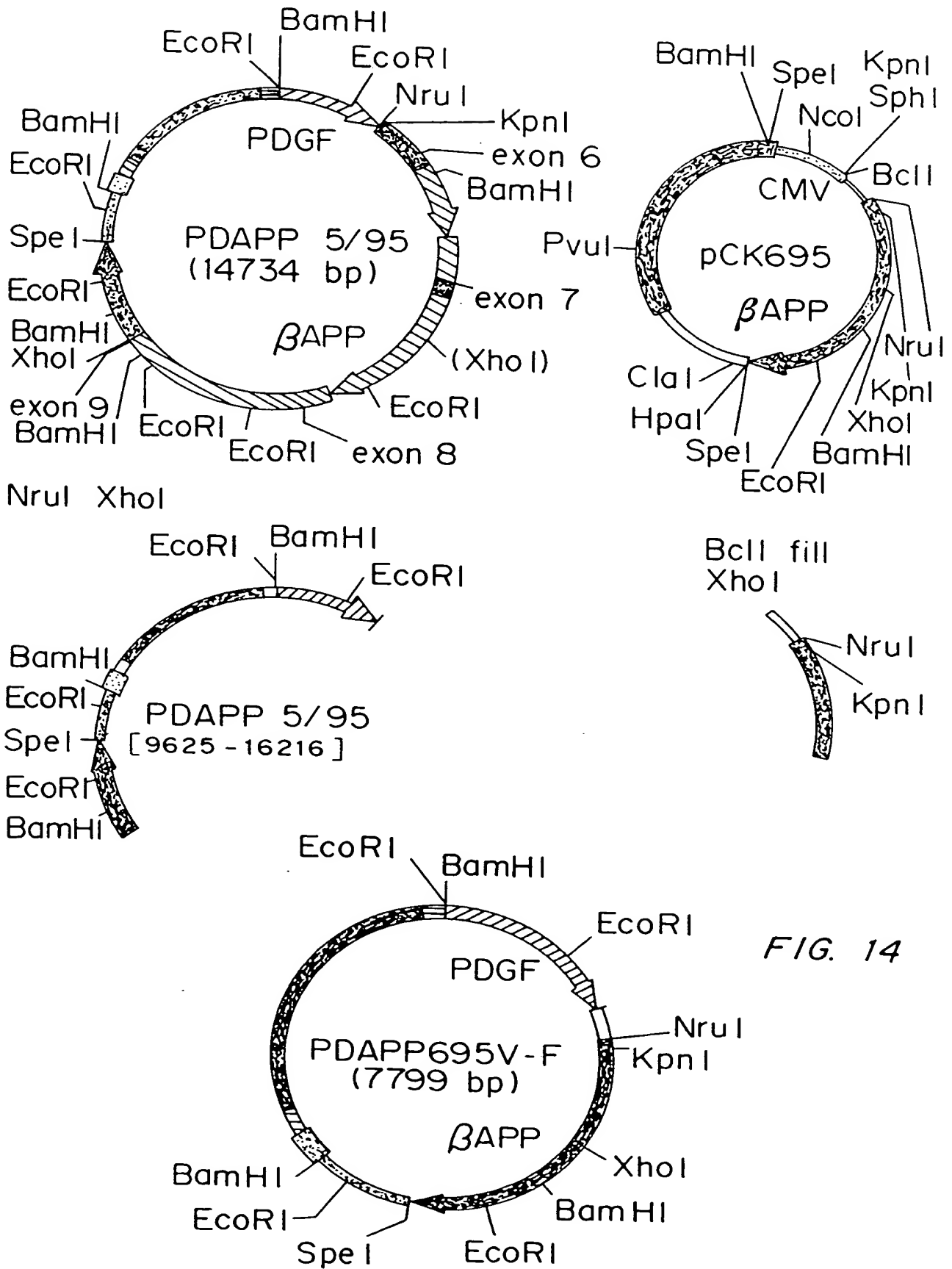
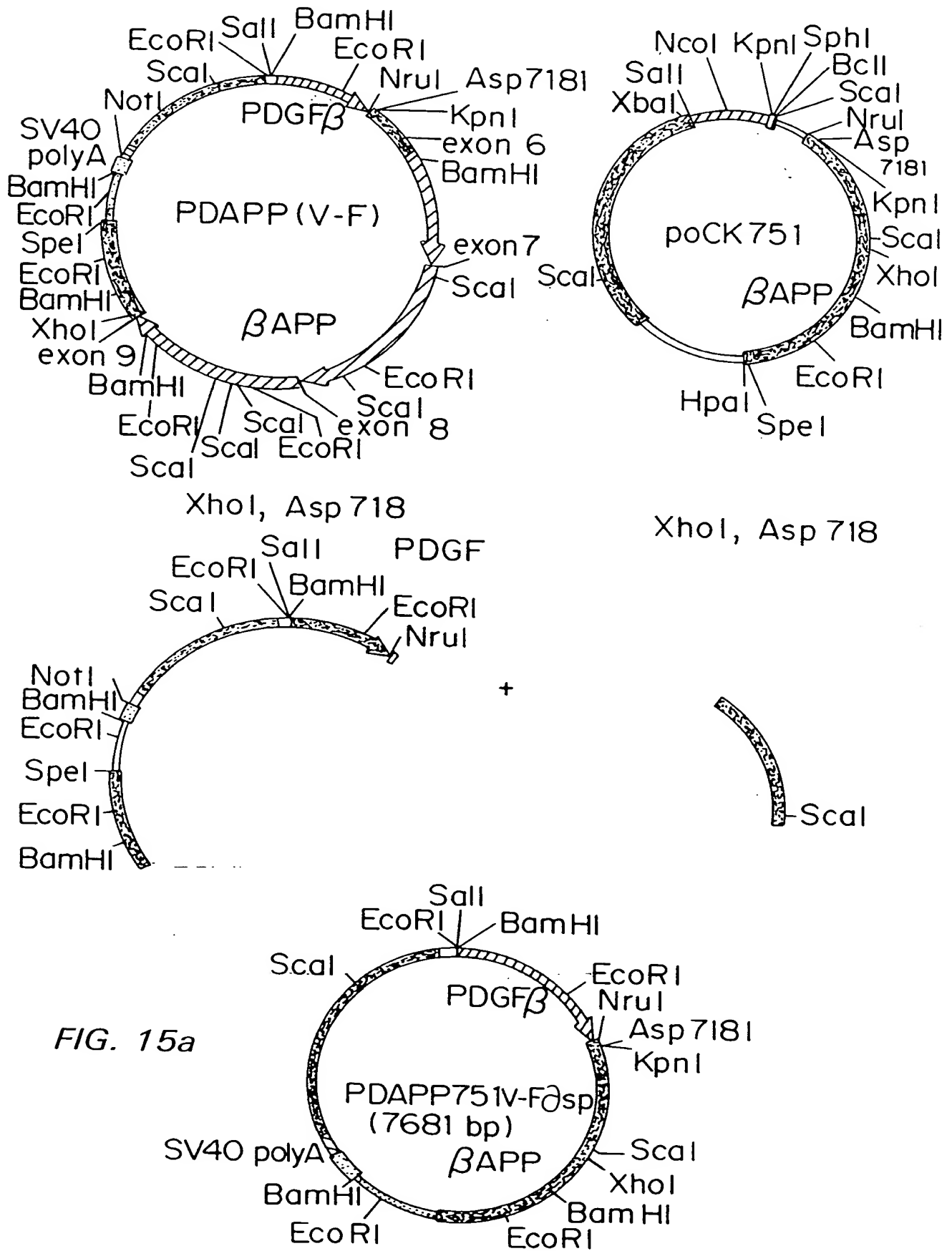


FIG. 14



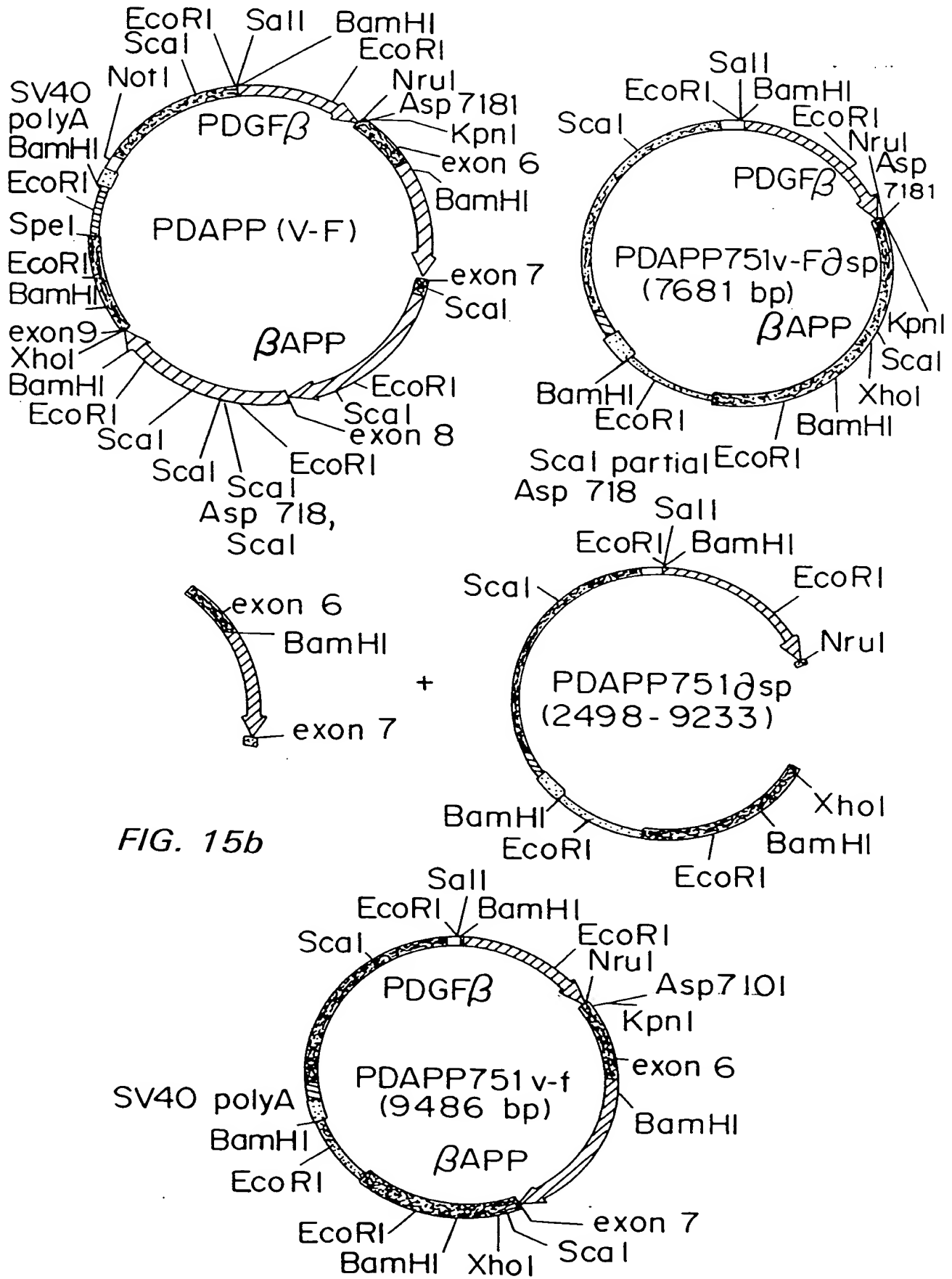


FIG. 15b

Approved  
dermal  
3/2/02

~~Figure 8~~

FIG. 8a

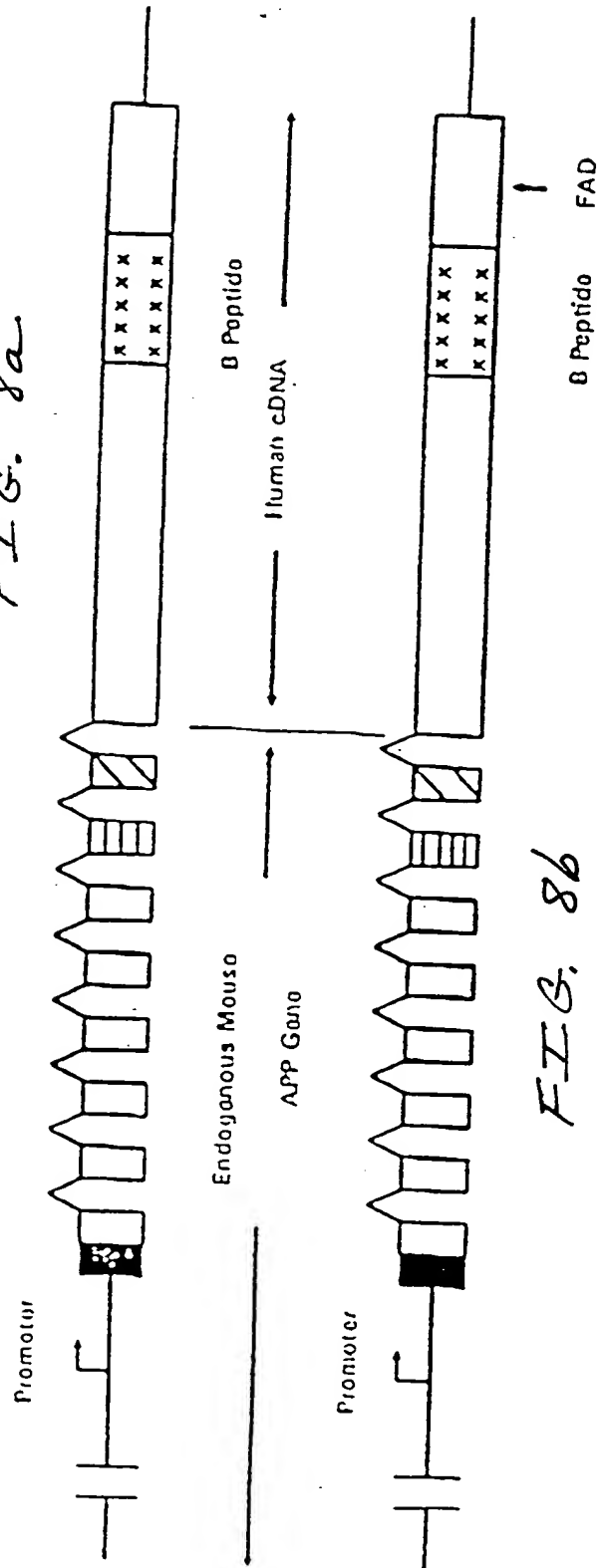
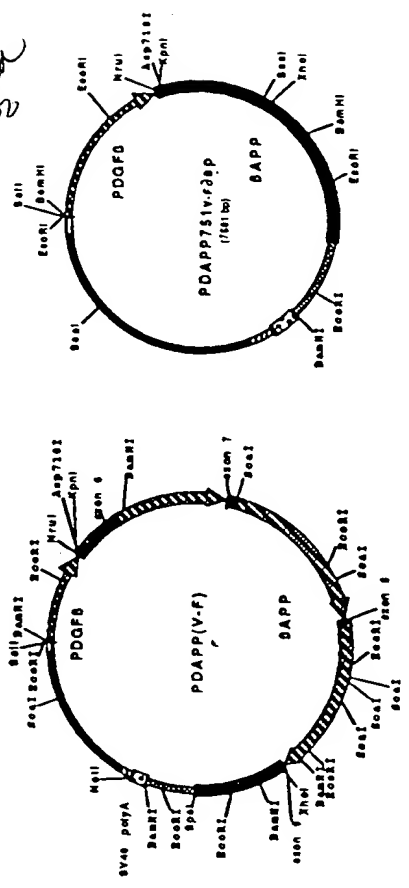


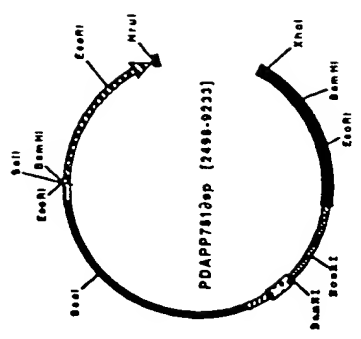
FIG. 8b

approx  
derona  
3/2/02

FIG. 15b



Scale partial  
Asp 718



+

Asp 718,  
Scale

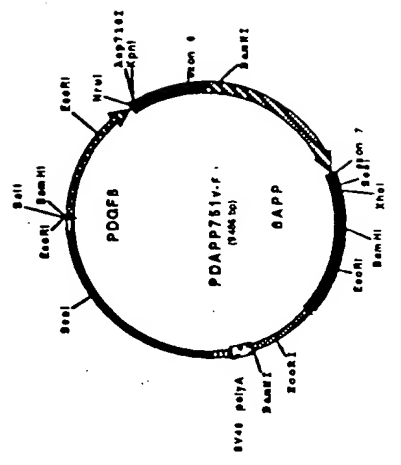
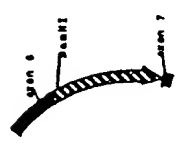
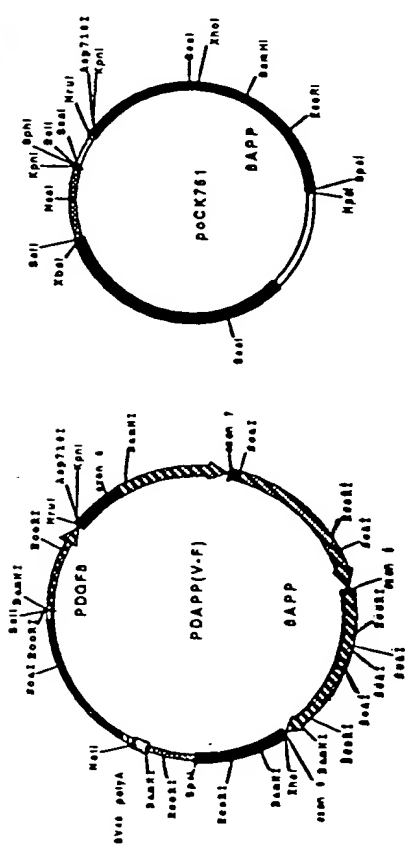
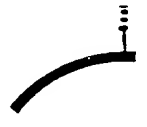


FIGURE 15

FIG. 15a



XhoI, Asp718



XhoI, Asp718

PDQF8

